

Sorbents for Removal of Other Contaminants

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The primary focus of this session is to learn about the new developments related with the sorbents for removal of contaminants from various gas streams. The contaminants included in this session are primarily alkali macromolecules, mercury, arsenic, hydrogen chloride and heavy hydrocarbons (tars). The gaseous streams involved cover a broad range of processes including syngas from integrated gasification combined cycle (IGCC), flue gas from coal combustion as well as reformat gas generated from fuel reforming. Removal of these contaminants is critical from the process as well as environmental standpoint. Out of 9 papers, 6 papers are from European Union and 3 from the United States. Papers are from both the academia and industrial research organizations.